1 **IN THE SPECIFICATION:**

2 Please replace paragraphs 6 - 8 on page 7 with the following amended paragraphs:

3 Figure 4 is a flowchart of the software program depicted in the block ~~diagrams~~ diagram

4 of Figure 2A.

5 Figure 5 is a flowchart of the software program depicted in the block ~~diagrams~~ diagram

6 of Figure 2B.

7 Figure 6 is a flowchart of the software program depicted in the block ~~diagrams~~ diagram

8 of Figure 4, which permits using the validated data from the table Data to Use to avoid

9 revalidation of data known to be correct.

10

11 Please replace paragraphs 3 - 4 on page 8 with the following amended paragraphs:

12 The information exchanged is preferably stored in tables in relational database(s)

13 running on a suitable operating system, such as ~~Windows~~ WINDOWS, ~~Unix~~ UNIX,

14 ~~Linux~~ LINUX running on one or more (e.g., a cluster) compatible computer(s) using

15 Intel, AMD, and/or Sun processors.

16 Table 1 represents an AML to manufacture a product. A typical AML will list more parts,

17 but it is not necessary to expand this AML to understand this aspect of the invention.

18 Each column heading in Table 1 describes the data found in that column and each

19 unique set of data has its own row. For example, the first row consists of the design

20 organization's part number 456, a 1-kiloohm resistor, supplied by Acme as part number

21 234. A change in the description, the part supplier, or ~~part~~ supplier part number is

22 considered to be a change on the row.

23

24 Please replace paragraph 1 on page 9 with the following amended paragraph:

25 The Change Detection Function

26 Figure 2A shows one flow path of the present invention, which includes the change

27 detection function. The contract manufacturer can implement this in software with the

28 ~~Oracle~~ ORACLE 9iAS application server and ~~Oracle~~ ORACLE 9i database, and will

29 store two versions of Table 1 in the database. The first version named table Past

30 contains the most recent AML sent by the design organization, and the second version

named table Data to Use contains the validated or corrected data for the contract

1 manufacturer to use to make the product. For example, the application server and

2 relational database receive and store a new version of the design document 10 and

3 compare the new version with the past version to detect change 11. If there is no

4 change, the flow path ends. If there is a change, the software sets the past version to

5 the new version, then validates and corrects data 12 based on a reliable source 14 of a

6 dictionary 15, resulting in data to use 13 to manufacture the product.

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8 Please replace paragraph 1 on page 21, with the following amended paragraph

9 Comparing the AMLs, in ~~Tables~~ <u>Table</u> 21, the PCB is part number 567, and in Table 24,

10 the PCB is part number 568. The change detection function detects this change in part

11 number, and determines the two sets of tables contain different PCBs. Likewise, the

12 change detection function detects that different ASIC exist in Table 21 and Table 24,

13 and the same capacitor exists in Tables 21 and 24.

14

15 Please replace Table 27 on page 22 with the following amended Table:

16 Table 27 - Data to Use for Electronic Product 124

Part Number	Description	Supplier	Supplier Part Number
~~456~~ <u>456%A</u>	1-kiloohm resistor	Acme	234
789	1-microfarad capacitor	Acme	345
789	1-microfarad capacitor	New Tech	890
567	PCB	Jones	567A
678	ASIC	Adams	ABC678
~~456%A~~ <u>456</u>	1-kiloohm resistor 5%	Acme	434
568	PCB	Jones	
690	ASIC	Adams	

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1   Please replace Table 28 on page 23 with the following amended Table:

2   Table 28 - New Past

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Part Number	Description	Supplier	Supplier Part Number
~~456~~ <u>456%A</u>	1-kiloohm resistor	Acme	239
789	1-microfarad capacitor	Acme	345
"	1-microfarad capacitor	New Tech	890
567	PCB	Jones	
678	ASIC	Adams	
568	PCB	Jones	
690	ASIC	Adams	
456	1-kiloohm resistor 5%	Acme	434